



MATERIAL SAFETY DATA SHEET
U.S. Department of Labor
Occupational Safety & Health Administration

TIREGUARD 44™

SECTION I – IDENTIFIER

MANUFACTURER/Distributor: EVERTILE FLOORING COMPANY INC/Elite Xpressions llc
Web ADDRESS: www.ezlocktile.com
TELEPHONE: 1-866-556-6324
In an emergency, contact CHEMTREC toll-free at 1-800-424-9300
Outside the United States call 1-703-527-3887

TRADE NAME: TIREGUARD 44™
CHEMICAL FAMILY: Aliphatic Urethanes Solution

SECTION II - COMPOSITION

COMPONENT	CAS #	APPROX %	TLV
Hexamethylene Di Isocyanate Homopolymer	28182-81-2	58.5	N/A
1,6 Hexamethylene Di Isocyanate	822-06-0	16.5	N/A
N. Butyl Acetate	123-86-4	25.0	N/A

KNOWN CARCINOGENS OR MUTAGENS – TYPE & DEFINITION - None

SECTION III – PHYSICAL DATA

BOILING POINT (F)	312°	SPECIFIC GRAVITY (H2O=1)	1.22
VAPOR PRESSURE	10	PERCENT, VOLATILE BY VOLUME	25%
VAPOR DENSITY (AIR=1)	4.8	46.0 EVAPORATION RATE (N.B.A.=1)	0.20
SOLUBILITY IN WATER	Insoluble	pH (5% SLURRY)	Neutral

APPEARANCE & ODOR

Clear liquid with characteristic odor.

SECTION IV - FIRE & EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): 100°F. Closed Cup (ASTM D50).

FLAMMABLE LIMITS: Lel 0.9; Uel 6.0

EXTINGUISHING MEDIA: Carbon dioxide; dry chemical; foam.

SPECIAL FIRE FIGHTING PROCEDURES: If excessive fumes or smoke is encountered, wear self-contained breathing apparatus and full protective equipment.

UNUSUAL FIRE & EXPLOSION HAZARDS: Sealed containers may build up pressure if exposed to heat (fire). Water can be used to cool the exterior of the containers.

SECTION V - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE:

SKIN: May cause dermal sensitization. May be absorbed through skin.

EYES: Contact may cause severe damage. Vapor may irritate.

BREATHING: Inhalation may cause headache, dizziness, nausea and irritation. Inhalation of spray mist may be toxic.

SWALLOWING: Harmful or fatal if swallowed.

FIRST AID PROCEDURES:

SKIN: Clean thoroughly with waterless hand cleaner, followed by soap and water.

EYES: Flush with clear water for 15 minutes and seek immediate medical attention.

BREATHING: Move victim to fresh air and give artificial respiration or oxygen if needed.

SWALLOWING: Do NOT induce vomiting. Seek immediate medical attention.

SECTION VI - REACTIVITY DATA

STABILITY: Stable.

INCOMPATIBILITY (MATERIALS TO AVOID): Water (moisture); alcohols; amines; strong acids and bases.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon and nitrogen, possible HCN and polyurethane combustion compounds.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Excessive heat and/or wet conditions.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Cover with a layer of sand or other suitable absorbent. Use protective measures as outlined in Section VIII below.

Avoid contact with skin, eyes and clothing.



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